

In the Claims:

Please amend the claims as follows:

1. (currently amended) A portable electronic device, ~~which comprises at least a camera module, which comprises at least~~ comprising:

a camera module, which comprises

- ~~an optics zone, which comprises at least~~ having an input aperture, ~~and~~
- a connector zone, ~~and which comprises at least contacts for connecting the camera module to counter contacts,~~
- ~~_____ and~~ a printed wiring board, which includes parallel first and second sides for placing the camera module and other structures, ~~wherein~~ in such a manner that the optics zone and the connector zone of the camera module are settled on different sides of the printed wiring board, wherein the connector zone comprises
 - _____ contacts for connecting the camera module electrically to counter-
- _____ contacts, and
- _____ elements for mechanical attachment of the camera module in such a manner that at least some of the elements for mechanical attachment are the same elements as the contacts for the electric connection.

2. (original) The device according to claim 1, wherein the printed wiring board comprises at least an aperture penetrating the printed wiring board, and the optics zone of the camera module is placed at least partly inside said aperture of the printed wiring board.

3. (original) The device according to claim 1, wherein the device comprises, in addition, at least a frame structure, which comprises at least

- contacts for connecting the camera module,

- an aperture, which is on the side placed against the printed wiring board in the frame structure, and

the optics zone of the camera module is placed at least partly inside the aperture of the frame structure.

4. (original) The device according to claim 1, wherein the device is arranged to transfer data in a wireless manner.

5. (canceled)

6. (currently amended) The method according to claim 520, wherein at least a part of the camera module is placed through the printed wiring board.

7. (currently amended) The method according to claim 6, wherein the camera module is arranged on the printed wiring board via ~~the~~ frame structure, and the printed wiring board comprises at least an aperture penetrating the printed wiring board, and the frame structure comprises at least an aperture on the side settling against the printed wiring board, and said apertures are placed one on the other in such a manner that the camera module can be placed at least partly inside the aperture of said printed wiring board and the aperture of said frame structure.

8. (canceled)

9. (canceled)

10. (currently amended) A printed wiring board and a frame structure connected to it according to claim 923, wherein there are contacts in the frame structure for connecting the camera module, which are placed on

- at least the side parallel to the direction of the printed wiring board, or

- at least one side, which is substantially perpendicular in relation to the printed wiring board, or
- at least a first side parallel to the direction of the printed wiring board and a second side, which is substantially perpendicular in relation to the printed wiring board.

11. (canceled)

12. (currently amended) The frame structure according to claim 4427, wherein the contacts of the frame structure are placed on

- at least the same side as the installation aperture, or
- at least one side, which is substantially perpendicular to the side comprising the aperture, or
- at least the same first side with the aperture and the second side, which is substantially perpendicular to the first side.

13. (original) The frame structure according to claim 12, wherein at least one contact is arranged to function as a clamping device for the camera module.

14. (canceled)

15. (original) The device according to claim 2, wherein the device comprises, in addition, at least a frame structure, which comprises at least

- contacts for connecting the camera module,
- an aperture, which is on the side placed against the printed wiring board in the frame structure, and

the optics zone of the camera module is placed at least partly inside the aperture of the frame structure.

16. (currently amended) The method according to claim 520, wherein the camera module is arranged on the printed wiring board via ~~the~~a frame structure, and the printed wiring board comprises at least an aperture penetrating the printed wiring board, and the frame structure comprises at least an aperture on the side settling against the printed wiring board, and said apertures are placed one on the other in such a manner that the camera module can be placed at least partly inside the aperture of said printed wiring board and the aperture of said frame structure.

17. (currently amended) The frame structure according to claim 4427, wherein at least one contact is arranged to function as a clamping device for the camera module.

18. (new) The device according to claim 1, wherein at least a part of the contacts and counter-contacts are arranged in such a manner that there is a loading force between said contacts and counter-contacts in order to attach the camera module.

19. (new) The device according to claim 18, wherein the loading force is created by spring-like contact means.

20. (new) A method for placing a camera module in a portable device comprising:

- arranging the camera module on a printed wiring board of the device in such a manner that an input aperture of the camera module settles on a different side of the printed wiring board than a connector zone of the camera module, and
- connecting contacts of the connector zone so as to connect the camera module electrically to counter-contacts, wherein at least a part of the contacts of the connector zone attach the camera module electrically and mechanically to the printed wiring board.

21. (new) The method according to claim 20, wherein there is a loading force between at least some contacts and counter-contacts in order to attach the camera module.

22. (new) The method according to claim 21, wherein the loading force is created by spring-like contact means.

23. (new) An apparatus comprising:

- a printed wiring board, and
- a frame structure connected to the printed wiring board for installing a camera module, wherein
- the printed wiring board has an aperture, and
- the frame structure has an aperture on a side placed against the printed wiring board,

said apertures of the printed wiring board and frame structure being placed in such a manner that at least part of the camera module can be placed through the aperture of the frame structure to the aperture of the printed wiring board, wherein

- the frame structure has
 - contacts for connecting the camera module electrically to the frame structure, and
 - elements for mechanical attachment of the camera module,

wherein at least some of the elements for mechanical attachment are the same elements as the contacts for connecting the camera module electrically to the frame structure.

24. (new) The apparatus according to claim 23, wherein at least a part of the contacts of the frame structure and corresponding contacts of the camera module are arranged in such a manner that there is a loading force between said contacts in order to attach the camera module.

25. (new) The apparatus according to claim 24, wherein the loading force is created by spring-like contact means.

26. (new) The apparatus according to claim 23, wherein there are contacts in the frame structure for connecting the camera module, said contacts are placed on

- at least the side parallel to the direction of the printed wiring board, or
- at least one side, which is substantially perpendicular in relation to the printed wiring board, or
- at least a first side parallel to the direction of the printed wiring board and a second side, which is substantially perpendicular to the printed wiring board.

27. (new) A frame structure to be placed on a printed wiring board for placing a camera module, comprising

- an installation aperture on a first side of the frame structure for placing the camera module in the frame structure,
- contacts for connecting the camera module to the frame structure electrically, and
- elements for mechanical attachment of the camera module in such a manner that at least some of the elements for mechanical attachment are in the same elements as the contacts for electrical connection.

28. (new) The frame structure according to claim 14, wherein at least a part of the contacts of the frame structure and the contacts of the camera module are arranged in such a manner that there is a loading force between said contacts in order to attach the camera module.

29. (new) The frame structure according to claim 15, wherein the loading force is created by spring-like contact means.

30. (new) A camera module that can be placed on a printed wiring board, which camera module comprises

- an optics zone having an input aperture, and
- a connector zone,

the camera module having a direction of function, which is substantially the same as a direction of the input aperture from the connector zone, and the optics zone of the camera module can be placed at least partly through the printed wiring board,

wherein the connector zone comprises

- contacts for connecting the camera module electrically to counter-contacts, and
- elements for mechanical attachment of the camera module, in such a manner that at least some of the elements for mechanical attachment are the same elements as the contacts meant for the electric connection.

31. (new) The camera module according to claim 30, wherein the contacts are placed in the connector zone on

- at least one side parallel with the direction of function of the camera module, or
- at least on the side of the light aperture of the optics zone, or
- at least one side parallel with the direction of function of the camera module and on the side of the light aperture of the optics zone.